

LISTING OF CLAIMS

- 1-18. (Canceled)
19. (New) A vibration mounting comprising a base member for mounting to a mounting location and a support member for supporting a load, the support member being spaced apart from the base member in a load-bearing direction by a vibration isolating element of a resilient material, the vibration mounting having a centre-line in said load-bearing direction; wherein the vibration isolating element comprises a plurality of lobes on each side of a plane passing through said centre-line, wherein each lobe extends from the base member towards the support member and also extends in a lateral direction different from that of other lobes, and wherein each lobe has an upper surface engaging the support member and at least one free surface.
20. (New) The vibration mounting of claim 19, wherein the lateral direction is substantially orthogonal to the load-bearing direction.
21. (New) The vibration mounting of claim 19, wherein the lobes are arranged to extend outwardly from a central portion of the vibration isolating element secured to a raised portion of the base member, and at an angle to the base member, an outward end of each lobe engaging a corresponding portion of the support member.
22. (New) The vibration mounting of claim 21, wherein the corresponding portion of the support member is an end portion extending towards the base member that bears against an outer end surface of the lobe.
23. (New) The vibration mounting of claim 19, wherein the support member comprises one or more buffer members extending towards the base member between adjacent lobes of the vibration isolating element such that the buffer member contacts a resilient material buffer secured to the base member when vibration displacements exceed a predetermined amplitude.

24. (New) The vibration mounting of claim 23, wherein the vibration isolating element comprises an elastomeric polymer formed by injection moulding to the base member.
25. (New) The vibration mounting of claim 24, wherein the resilient material buffer and the vibration isolating element are formed as an integral injection moulded unit.
26. (New) The vibration mounting of claim 23, wherein the resilient material buffer is provided with means for reducing friction when contacting the buffer member.
27. (New) The vibration mounting of claim 26, wherein the friction reducing means comprises contact plates of nylon or other suitable low friction material.
28. (New) The vibration mounting of claim 23, wherein the buffer member contacts the resilient material buffer when vibration displacements exceed a predetermined amplitude in a first direction.
29. (New) The vibration mounting of claim 28, further comprising a secondary buffer for further increasing resistance to displacement beyond a second predetermined amplitude of vibration displacement in the first direction.
30. (New) The vibration mounting of claim 23, including further buffers for increasing resistance to displacement of the support member relative to the base member in the load-bearing direction and in a third direction beyond a threshold displacement in each direction.
31. (New) The vibration mounting of claim 30, wherein the load-bearing, first and third directions are substantially mutually orthogonal directions.
32. (New) The vibration mounting of claim 30, wherein, in the load-bearing direction, the further buffer comprises a first buffer for increasing resistance to a positive displacement beyond a positive displacement threshold and a

second buffer for increasing resistance to a negative displacement beyond a negative displacement threshold.

33. (New) The vibration mounting of claim 32, wherein the second buffer is provided as a failsafe feature to prevent the support member and the base member becoming detached from one another in the event of a failure of the vibration isolating element.
34. (New) The vibration mounting of claim 19, wherein the mounting location has a predetermined footprint and includes predetermined fastener positions within the footprint for securing the base member, the vibration mounting being sized to fit the predetermined footprint.
35. (New) The vibration mounting of claim 34, wherein the fastener positions are holes for accepting mounting bolts.
36. (New) The vibration mounting of claim 34, wherein the lobes are arranged so as to allow access to, and not interfere with, the fastener positions.
37. (New) A vibration mounting comprising a base member for mounting to a mounting location and a support member for supporting a load, the support member being spaced apart from the base member in a load-bearing direction by a vibration isolating element of a resilient material,

wherein the vibration isolating element comprises a plurality of lobes, each lobe extending from the base member towards the support member and also extending in a lateral direction different from that of other lobes;

wherein the support member comprises at least one buffer member extending towards the base member between adjacent lobes of the vibration isolating element such that the buffer member contacts a resilient material buffer secured to the base member when vibration displacements exceed a first predetermined amplitude in a first direction;

and

wherein the vibration mounting further comprises a secondary buffer for further increasing resistance to displacement beyond a second predetermined amplitude of vibration displacement in the first direction.

38. (New) A vibration mounting comprising:

a base member for mounting to a mounting location;

a support member for supporting a load, the support member being spaced apart from the base member in a load-bearing direction by a vibration isolating element of a resilient material, the vibration isolating element comprising a plurality of lobes extending from the base member towards the support member; and

buffer means comprising a first buffer for increasing resistance to displacement of the support member relative to the base member in the load-bearing direction beyond a positive displacement threshold and a second buffer for increasing resistance to a negative displacement beyond a negative displacement threshold.

39. (New) The vibration mounting of claim 38, wherein the second buffer is provided as a failsafe feature to prevent the support member and the base member becoming detached from one another in the event of a failure of the vibration isolating element.